

CLAIMS OF THE INVENTION

1. A device for dampening a vibratable surface comprising:

a patch comprising a resilient, pliable, adhesive body and an integral flexible base.
2. The device of claim 1 wherein the resilient pliable body is comprised of polyurethane.
3. The device of claim 1 wherein the body is substantially free of oil.
4. The device of claim 2 wherein the base is foam.
5. The device of claim 4 wherein the base is an open cell foam.
6. The device of claim 1 wherein the patch is rectangular.
7. The device of claim 1 wherein the patch is circular.
8. The device of claim 1 further including a second patch, the second patch for stacking on the first patch, the first patch for attaching to the vibratable surface.
9. The device of claim 4 wherein the polyurethane substantially saturates the foam.
10. The device of claim 4 wherein the patch includes a top and bottom surface and the foam is the same distance from the top surface as it is from the bottom surface.
11. The device of claim 4 wherein the patch includes a top and bottom surface and the foam is closer to one of the top surface or the bottom surface than the other.
12. The device of claim 1 wherein the patch is stickier on one side than the other.

13. A method of manufacturing a patch for application to a vibrating surface, the method comprising the steps of:

providing a flat surface;

applying the polyurethane mix to the flat surface;

laying a sheet of base material onto the polyurethane mix; and

allowing the polyurethane mix to cure.

14. The method of claim 13 wherein the providing step includes the step of providing a release sheet on the flat surface.

15. The method of claim 14 further including, after the laying step, a step of removing any trapped air from the mix prior to curing.

16. The method of claim 15 further including the step of cutting the cured/mixed sheet to a preselected shape.

17. The method of claim 16 wherein the preselected shape is a rectangle with an area between about 1 sq. inch and 12 sq. inches.

18. A device to dampen a vibratable surface device comprising:

a patch having an elastomeric body with a surface capable of adhering to the underside of a vibrating drumhead.

19. The device of claim 18 further including a substrate, the substrate integral with the body.

20. The device of claim 19 where the substrate is foam.

21. The device of claim 18 wherein the surface of the body requires at least one inch pound of force to remove it from the surface of the vibrating drumhead.
22. The device of claim 18 wherein the body is a non-colloidal body.
23. The device of claim 22 wherein the body is non-colloidal.
24. The device of claim 18 further including a skin attached to the protective body.
25. The device of claim 24 wherein the skin is a thin polyurethane sheet.
26. A method of dampening a vibrating drumhead, including the steps of providing a pliable, elastomeric patch having a body with an adhesive surface; and
applying the adhesive surface to the underside of a drumhead.